

IN THE CLAIMS AMEND

1-11. (Deleted).

12. (Currently Amended) A pneumatic actuator comprising:

- B)
- a housing wherein the housing includes:
 - a pneumatic cylinder having an axis;
 - at least one piston that can move inside the cylinder in the direction of the axis of the cylinder, wherein the piston, together with the cylinder delimits a working space;
 - the at least one piston including teeth which extend in the direction of the axis of the cylinder;
 - a shaft which can rotate in an axial direction whose axial direction is perpendicular to the axis of the cylinder, the shaft having two bearing sites that form the areas where the shaft has its greatest diameter;
 - the shaft having teeth that engage with the teeth of the at least one piston, characterized in that the piston fixes the shaft in its axial direction by means of positive engagement.

13. (Currently Amended) The pneumatic actuator according to claim 12, characterized in that the shaft has at least one ~~peripheral~~ groove that engages with a segment of the at least one piston running in the axial direction.

14. (Deleted).

15. (Original) The pneumatic actuator according to claim 12, characterized in that the shaft is mounted directly in the housing at two bearing sites.

16. (Currently Amended) The pneumatic actuator according to claim 4412, characterized in that the bearing sites of the shaft essentially have the same diameter.
17. (Original) The pneumatic actuator according to Claim 13, characterized in that the groove is a peripherally cut groove.
18. (Currently Amended) The pneumatic actuator according to claim 12, characterized in that ~~each of the~~ at least one piston has a total of two segments, wherein the segments are positioned adjacent the piston teeth.
19. (Original) The pneumatic actuator according to claim 12, characterized in that the at least one piston is made of plastic.
20. (Currently Amended) The invention according to claim 4412, wherein the pneumatic actuator includes a working area in the area of the bearing sites of the shaft;
- the working area being sealed from the exterior by means of sealing rings that are placed in a groove of the shaft.
21. (Currently Amended) A method to mount an actuator according to claim 4412, characterized in that the shaft is inserted in the bearing sites, and then the at least one piston is engaged with the shaft.
22. (Original) The method according to claim 21, characterized in that the shaft is held in the bearing sites without additional fasteners.